

# WHEAT QUALITY RELEASE



In Cooperation with the National  
Agriculture Statistics Service.

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## PROTEIN AND TEST WEIGHT UP FROM LAST YEAR

Preliminary data from 11,245 carlot samples from 52 counties show an average test weight of 60.4 pounds per bushel, according to Kansas Agricultural Statistics and the Kansas Grain Inspection Service Inc. For comparison purposes, last year's crop averaged 59.3 pounds, while the 10-year average from 1994-2003 is 60.4 pounds per bushel.

Protein is averaging 12.4 percent, compared with 11.7 percent for 2007 and 12.3 percent for the 10-year average. Moisture content is averaging 11.3 percent, compared with 12.0 percent for last year and 11.5 percent for the 10-year average.

Samples of wheat grading No. 1, at 71 percent, are up 16 points from the 55 percent of last year, while 26 percent graded No. 2, compared to 32 percent in 2007. Only 3 percent graded No. 3 or below. Wheat samples averaged 0.6 percent damaged kernels, the same as for 2007 and 0.3 for the 10-year average. Samples tested had 0.1 percent foreign material on average, the same as for 2007 and the 10-year average. Shrunken & broken kernels averaged 1.3 percent, compared with 1.7 for 2007 and 1.3 for the 10-year average. Total defects averaged 1.9 percent, compared with 2.4 for 2007 and 1.7 for the 10-year average. Average dockage for all samples is 0.6 percent, compared to 0.8 percent last year.

There have been 5,058 samples voluntarily submitted for inspection in this crop year. Test weight for these samples averaged 60.0 pounds, 12.8 percent protein, and 11.3 percent moisture. These submitted samples graded No. 1, 53 percent; No. 2, 37 percent; No. 3, 8 percent; and No. 4, 2 percent. Last year, 10,215 samples were voluntarily submitted from June 4, 2007 to August 12, 2007 and had an average test weight of 59.3 pounds, 12.4 percent protein, and 11.3 percent moisture. Grades were No. 1, 33 percent; No. 2, 23 percent; No. 3, 25 percent; and No. 4, 11 percent.

This is the only wheat quality release to be made during the 2008 wheat harvest. Test weight, protein content, grade and defect determinations are made by the Kansas Grain Inspection Service Inc. The data are summarized by Kansas Agricultural Statistics; collection and publication services are funded by the Kansas Wheat Commission.

# KANSAS: Wheat Quality Data 2008

District & Year <sup>1</sup>	Samples Tested <sup>2</sup>	Test Weight	Protein <sup>3</sup>	Moisture	Grade			Defects				Average Dockage All Samples
					1	2	All Other Grades	Damaged Kernels (Total)	Foreign Material	Shrunken & Broken Kernels	Total <sup>4</sup>	
		<i>Lbs.</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent of Samples</i>	<i>Percent of Samples</i>	<i>Percent of Samples</i>	<i>Average Percent</i>	<i>Average Percent</i>	<i>Average Percent</i>	<i>Average Percent</i>	<i>Percent</i>
NW 2008	1,535	61.0	12.6	11.3	90	7	3	0.3	0.0	1.1	1.5	0.5
2007	1,858	60.6	11.8	11.6	81	19	0	0.2	0.0	1.3	1.7	0.7
<b><u>1997-2006 AVG</u></b>		59.6	13.0	11.0				0.2	0.0	1.5	1.7	
WC 2008	796	60.9	12.7	11.2	81	19	0	0.2	0.0	1.2	1.4	0.6
2007	1,339	60.9	10.7	12.0	85	14	1	0.3	0.0	1.3	1.6	0.7
<b><u>1997-2006 AVG</u></b>		60.3	12.5	11.2				0.4	0.0	1.6	2.0	
SW 2008	1,596	60.0	13.4	10.9	74	25	1	0.2	0.0	1.4	1.5	0.6
2007	3,086	60.6	11.5	12.0	84	15	1	0.4	0.0	1.4	1.7	0.7
<b><u>1997-2006 AVG</u></b>		60.5	12.9	11.0				0.3	0.0	1.5	1.8	
NC 2008	2,735	60.4	12.2	11.5	78	22	0	0.6	0.1	1.3	2.0	0.5
2007	1,022	58.9	11.8	12.1	9	80	11	0.5	0.1	1.9	2.5	0.6
<b><u>1997-2006 AVG</u></b>		60.8	12.3	11.7				0.2	0.1	1.1	1.5	
C 2008	2,356	60.7	12.0	11.3	62	37	1	0.6	0.1	1.4	2.0	0.6
2007	1,164	57.8	12.1	12.3	6	48	46	0.7	0.2	2.4	3.2	0.9
<b><u>1997-2006 AVG</u></b>		60.9	12.0	11.8				0.3	0.1	1.2	1.6	
SC 2008	1,822	60.0	12.1	11.4	45	45	10	0.8	0.2	1.5	2.5	0.6
2007	1,529	58.1	12.0	12.0	25	49	26	0.9	0.2	2.0	3.1	0.9
<b><u>1997-2006 AVG</u></b>		60.6	11.7	11.8				0.3	0.2	1.3	1.8	
NE 2008	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0.0
2007	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0.0
<b><u>1997-2006 AVG</u></b>		61.6	11.3	12.3				0.3	0.0	0.9	1.2	
EC 2008	134	57.7	11.6	12.6	9	44	47	3.6	0.1	1.4	5.1	0.8
2007	166	59.3	12.2	11.8	14	83	3	1.2	0.2	1.5	2.9	0.8
<b><u>1997-2006 AVG</u></b>		60.5	11.0	12.3				0.7	0.1	1.0	1.8	
SE 2008	271	54.9	10.8	12.1	0	2	97	6.3	0.1	1.3	7.7	0.9
2007	51	54.5	11.8	11.9	0	0	100	2.5	0.2	2.0	4.7	0.8
<b><u>1997-2006 AVG</u></b>		59.7	10.9	12.5				0.7	0.1	1.0	1.8	
STATE 2008	11,245	60.4	12.4	11.3	71	26	3	0.6	0.1	1.3	1.9	0.6
2007	10,215	59.3	11.7	12.0	55	32	13	0.6	0.1	1.7	2.4	0.8
<b><u>1997-2006 AVG</u></b>		60.4	12.3	11.5				0.3	0.1	1.3	1.7	

<sup>1</sup> Year 2008 includes samples from June 15, 2008 - August 14, 2008.

<sup>2</sup> Samples tested represent data from inspection certificates of railroad cars (truckloads are converted to carlot equivalents). Summarized data include old crop and new crop wheat moving from first point of sale and inspected by the Kansas Grain Inspection Service, Inc.

<sup>3</sup> Protein content is on a 12% moisture basis.

<sup>4</sup> Includes other defects not listed.